



Widescreen flat TV 52" 52PFL7432/98
with Pixel Plus HD

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Features

Full HD LCD display, 1920x1080p

This display has a resolution that is referred to as Full HD. The state-of-the-art LCD screen technology has the full high-definition widescreen resolution of 1080 progressive lines, each with 1920 pixels. This allows the best possible picture quality for HD input signals with up to 1080 lines. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.



HD ready for the highest quality display of HDTV signals

Enjoy the exceptional picture quality of a true High Definition TV signal and be fully prepared for HD sources like HDTV broadcast, Blu-ray DVD or HD-DVD. HD ready is a protected label that offers picture quality beyond that of progressive scan.



It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition TV signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

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Pixel Plus HD for better details, depth and clarity

Pixel Plus HD is a picture processing technology that enables viewer to watch contents that are vivid, natural and real. The result is a superbly razor sharp pictures with incredible details and depth from any HD source.



Dynamic contrast enhancer delivering rich black details

You want the LCD flat display with the highest contrast and most vibrant images even at wide viewing angle. The Philips dynamic contrast enhancer uses video processing and unique dimming backlight technology. This delivers deep rich black levels with increased detail. The dimming backlight increases the contrast up to 5 times*, and at the same time improves the viewing angle. It gives a bright, lifelike picture with high contrast and vibrant colors, (* factor between 2 and 5, screen type and picture content dependant).

Incredible Surround™ for enhanced audio enjoyment

Incredible Surround is an audio technology from Philips that dramatically magnifies the sound field to immerse you in the audio. Using state-of-the-art electronic phase shifting, Incredible Surround mixes sounds from left and right in such a way that it expands the virtual distance between the two speakers. This wider spread greatly enhances the stereo effect and creates a more natural sound dimension. Incredible Surround allows you to experience total surround with greater depth and width of sound, without the use of additional speakers.



Compact and slim design that fits in every room

This design style emphasizes a slim, compact look that saves space and fits in anywhere.

Smart Picture and Smart Sound to personalize your viewing

Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

2 HDMI inputs for full digital HD connection in one cable

HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection. With 2 HDMI inputs you can connect multiple HD sources, for instance an HD settop box, and a Blu-ray player. Your TV is fully prepared for the HD future.



PC input lets you also use your TV as a PC monitor

With PC input you can connect your TV to a computer and use the TV as a PC monitor.

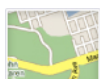


Technical specifications

Picture/Display

Aspect ratio	Widescreen , 16:9
Brightness	500 cd/m ²
Dynamic screen contrast	7500:1
Response time (typical)	6 ms
Viewing angle (horizontal)	176 degree
Viewing angle (vertical)	176 degree
Diagonal screen size (inch)	52 inch
Diagonal screen size (metric)	132 cm
Display screen type	LCD Full HD W-UXGA Act. matrix
Panel resolution	1920x1080p
Picture enhancement	Pixel Plus HD , Luminance Transient Improver , Contrast Plus , 3/2 - 2/2 motion pull down , 3D Combfilter , Digital

	Noise Reduction , Dynamic contrast , Jagged Line Suppression , Progressive Scan
Screen enhancement	Anti-Reflection coated screen
Supported Display Resolution	
Computer formats	640 x 480, 60, 72, 75, 85Hz , 720 x 400, 70Hz , 1024 x 768, 60, 70, 75, 85Hz
Video formats	480i, 60Hz , 480p, 60Hz , 576i, 50Hz , 576p, 50Hz , 720p, 50, 60Hz , 1080p, 24Hz, 25Hz, 30 Hz , 1080p, 50Hz, 60Hz
Sound	
Equalizer	7-bands
Output power (RMS)	2 x 10W
Sound Enhancement	Auto Volume Leveller , Incredible Surround
Sound System	Nicam Stereo , Stereo
Loudspeakers	
Built-in speakers	2
Loudspeaker types	Front Speakers , Dome tweeter
View less technical specifications	
Convenience	
Child Protection	Child Lock
Clock	On main display, Sleep Timer, Wake up Clock
Ease of Installation	Auto Program Naming, Autostore, Fine Tuning, Program Name, Sorting
Ease of Use	Program List, Side Control, Smart Picture Control, Smart Sound Control
On-Screen Display languages	English, Simplified Chinese
Remote Control	TV
Remote control type	RC2023617/01
Screen Format Adjustments	4:3, Movie expand 14:9, Movie expand 16:9, Subtitle Zoom, Super Zoom, Widescreen
Teletext	1000 page Smart Text
Teletext enhancements	4 favourite pages, Program information Line
Tuner/Reception/Transmission	
Aerial Input	75 ohm coaxial (IEC75)
TV system	PAL I, PAL B/G, PAL D/K, SECAM B/G, SECAM D/K
Video Playback	NTSC, SECAM, PAL
Tuner bands	Hyperband, S-Channel, UHF, VHF
Number of Preset Channels	100
Tuner Display	PLL
Connectivity	
AV 1	Audio L/R in, YPbPr
AV 2	Audio L/R in, YPbPr
AV 3	Audio L/R in, CVBS in, S-Video in
AV 4	HDMI
AV 5	HDMI
Number of AV connections	7
Front / Side connections	Audio L/R in, CVBS in, Headphone out, S-video in
Other connections	Monitor out, CVBS, L/R (cinch), PC Audio in, PC-In VGA
Power	
Ambient temperature	5 °C to 40 °C
Mains power	100-240V, 50/60Hz
Power consumption	340 W
Standby power consumption	<1W
Accessories	
Included Accessories	Table top stand, Power cord, Quick start guide, User Manual, Registration card, Warranty certificate, Remote Control, Batteries for remote control
Dimensions	
Color cabinet	Black cabinet with Black Hi Gloss deco Frame
Set Width	1288 mm

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**Set Depth****Set width (with stand)****Set height (with stand)****Set depth (with stand)****Product weight****Product weight (+stand)****Box width****Box height****Box depth****Weight incl. Packaging****VESA wall mount compatible**

835 mm

124 mm

1288 mm

901 mm

325 mm

40 kg

50 kg

1385 mm

927 mm

277 mm

58 kg

800 x 400 mm

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